

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:01

## EAST Search History

L3	226	("1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:01
L4	0	(L2 or L3) with chelating with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:02
L5	0	(L2 or L3) with chelat\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:02

## EAST Search History

L6	787	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:02
L7	0	(L2 or L3 or L6) with chelat\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:23
L8	970	chelate\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:06
L10	0	(L2 or L3 or L6) with chelat\$4 with (glycolic with acid or gluconic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:11
L11	0	(L2 or L3 or L6) with chelat\$4 with (glycolic or gluconic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
L12	0	(L2 or L3 or L6) with chelat\$4 with (glycolic or gluconic or malic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
L13	0	(L2 or L3 or L6) with chelat\$4 with (glycolic or gluconic or malic or lactic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
L14	0	(L2 or L3 or L6) with chelat\$4 with (glycolic or gluconic or malic or lactic or alpha-hydroxy)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
L15	0	(L2 or L3 or L6) with chelat\$4 with (glycolic or gluconic or malic or lactic or alpha-hydroxy or poly-hydroxy)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:09
L16	0	(L2 or L3 or L6) with chelat\$4 with (hydroxy with carboxylic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
L17	0	(L2 or L3 or L6) with chelat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
L18	70	(L2 or L3 or L6) and chelat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
L19	2	(L2 or L3 or L6) and chelat\$4 with (glycolic with acid or gluconic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:13
L20	2	(L2 or L3 or L6) and chelat\$4 with (mineral adj acid or phosphoric adj acid or sulfuric adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:53
L21	0	(L2 or L3 or L6) with chelat\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:23

## EAST Search History

L22	1	(L2 or L3 or L6) and chelat\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
L23	0	(L2 or L3 or L6) and glycolic adj acid with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:29
L24	4	L2 and mineral adj acid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:30
L27	0	chelat\$4 with mineral adj acid with glycolic adj acid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:54
L28	44	chelat\$4 with mineral adj acid with ph	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:56
L29	11	glycolic adj acid with mineral adj acid with ph	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:56
L30	1	(L2 or L3 or L6) and chela\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
L31	1	(L2 or L3 or L6) and chela\$5 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
L32	1	(L2 or L3 or L6) and chela\$5 with mineral adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:58
L33	0	(L2 or L3 or L6) and chela\$5 with sulfuric adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:59
L34	1	(L2 or L3 or L6) and chela\$5 with phosphoric adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:59

## EAST Search History

S1	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/22 14:57
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## EAST Search History

S2	226	("1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:01
S3	785	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 11:59

## EAST Search History

S4	1	(S1 or S2 or S3) and emulsion with hydrocarbon with water with (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:33
S5	2	(S1 or S2) and emulsion with hydrocarbon with water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) and (sulfuric adj acid or phosphoric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:42
S6	492	208/254R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:32
S7	631	585/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:32
S8	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:32

## EAST Search History

S9	226	("1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 13:32
S10	785	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:32

## EAST Search History

S11	1	(S8 or S9 or S10 or S6 or S7) and emulsion with hydrocarbon with water with (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:32
S12	8	(S6 or S7 or S8 or S9 or S10) and emulsion with hydrocarbon with water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:34
S13	1	("4551239").PN.	USPAT; USOCR	OR	OFF	2006/07/22 14:57